

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF A TEMPORARY SIGNAL AT THE INTERSECTION OF MD 24 AND THE NORTHBOUND I-95 OFF-RAMP/ ON-RAMP DURING THE MAINTENANCE OF TRAFFIC FOR STAGE 3C. THE EXISTING SIGNAL IS MODIFIED BY MOVING THE EXISTING SIGNAL HEADS ON SPAN WIRE, WIRED TO THE EXISTING CONTROLLER AT THE INTERSECTION IN HARFORD COUNTY.

INTERSECTION OPERATION

THE EXISTING BASE MOUNTED CABINET SHALL BE USED FOR THIS INTERSECTION. THE INTERSECTION SHALL OPERATE IN A FULLY ACTUATED MODE USING 4 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650
MR. EUGENE BAILEY, SIGN OPERATIONS MANAGER
PHONE: (410) 787-7676

MS. ROXANE MUKAI, TRAFFIC MANAGER
MARYLAND TRANSPORTATION AUTHORITY
PHONE: (410) 288-8484

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION		UNITS	QUANTITY
973023	SHEET ALUMINIUM SIGNS CONSISTING OF: R3-5(L) (30"X36") SPAN WIRE MOUNT	EA	1	8

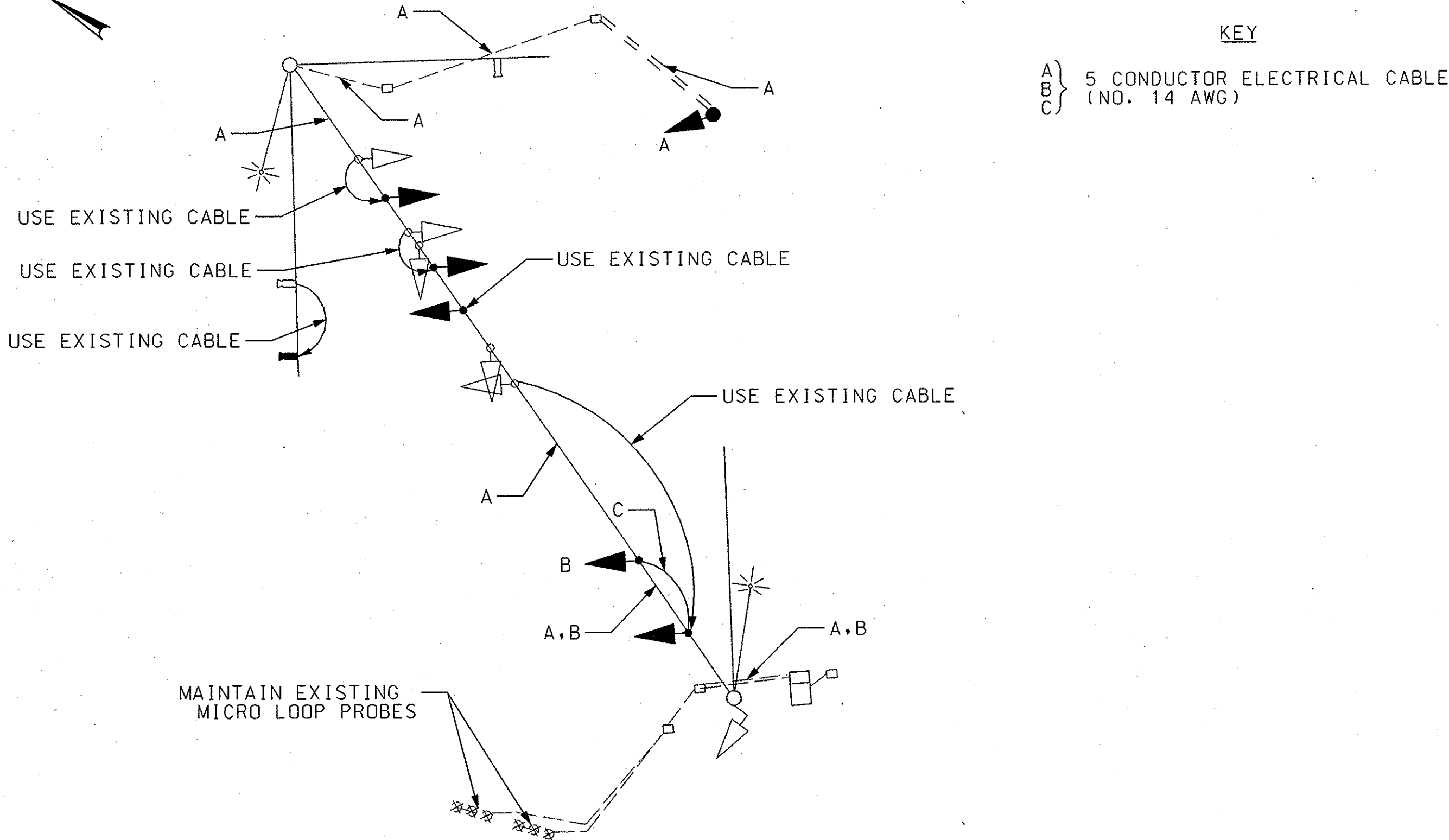
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
114245	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS	LF	80
203030	TEST PIT EXCAVATION	CY	0.5
800000	RELOCATE EXISTING VIDEO DETECTION CAMERA	EA	1
800000	RELOCATE EXISTING SIGN ON SIGNAL STRUCTURE	EA	2
801004	CONCRETE FOR SIGNAL FOUNDATION	CY	1
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	30
813015	INSTALL OVERHEAD SIGN	SF	8
818010	14 FOOT BREAKAWAY PEDESTAL POLE	EA	1
821003	BREAKAWAY BASE SUPPORT SYSTEM FOR SIGNAL STRUCTURE	EA	1
860284	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	9
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	550

C.EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLY DRIVE, HANOVER , MARYLAND 21076.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9
	(R)	(R)	(G)	(G)	(R)	(R)	(R)	(R)	(R)
	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)
PHASE 2 AND 5	R	R	<G	<G	G	G	R	R	R
2 AND 5 CHANGE	R	R	<Y	<Y	G	G	R	R	R
PHASE 2 AND 6	G	G	<R	<R	G	G	R	R	R
2 AND 6 CHANGE	Y	Y	<R	<R	Y	Y	R	R	R
PHASE 4	R	R	<R	<R	R	R	G	G	G
4 CHANGE	R	R	<R	<R	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R

MOT STAGE:3C



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AT NORTHBOUND I-95 OFF-RAMP (RAMP A1)
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE

ABINGDON, MARYLAND

GENERAL INFORMATION SHEET

SCALE N.T.S. DATE 06/12/06 CONTRACT NO. KH-271-000-002

DESIGNED BY A. MOHAMMED/SDU COUNTY HARFORD

DRAWN BY M. RAFFLE LOGMILE

CHECKED BY K. BINKER TMS NO.

FAP NO. NONE TOD NO.

TS NO. DRAWING PSG OF N013 SHEET NO. 690 OF 889



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